

App #: 10-709227

EAST SEARCH HISTORY**Databases:** US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

Ref#	Hits	Search Text
S1	1	10/709227
S2	40409	laser and image and pattern and reflect\$4 and @pd<"20040222"
S3	282	(382/210).CCLS.
S4	160	S3 and laser
S5	104	S4 and image and pattern and reflect\$4
S6	33	((project\$4 or radiat\$4 or direct\$4) near laser near pattern) same reflect\$4 and @pd<"20040422"
S8	5	S7 and reflect\$4 and pattern
S7	13	("2877354" "4063815" "4168908" "4324491" "4577962" "4671654" "4825055" "5007736" "5088818" "5196688" "5378888" "5612503").PN.
S19	442	S18 and time
S18	477	laser and image and reflect\$4 and @pd<"20040222" and holograph\$4 and pattern and (encrypt\$4 or encod\$4) and ((project\$4 or radiat\$4 or direct\$4) same laser same pattern)
S20	255	S19 and (receiv\$4 same signal)
S21	1024	laser and image and pattern and reflect\$4 and @pd<"20040222" and multiple and signals and ((three adj dimension\$2) or "3d" or "3-d") and holograph\$2
S9	1	laser and image and reflect\$4 and @pd<"20040222" and ((disc or oscillat\$4) near pattern near rotat\$4) and holograph\$4
S22	198	S21 and ((project\$4 or radiat\$4 or direct\$4) near pattern)
S23	81	laser and image and reflect\$4 and @pd<"20040222" and holograph\$4 and pattern and (encrypt\$4 or encod\$4) and ((project\$4 or radiat\$4 or direct\$4) near laser same pattern) and plurality and surface
S24	664	laser and image and reflect\$4 and @pd<"20040222" and holograph\$4 and pattern and (encrypt\$4 or encod\$4) and (project\$4 or radiat\$4 or direct\$4) and plurality and surface and (peak or spike or pulse)
S10	223	laser and image and reflect\$4 and @pd<"20040222" and ((disc or oscillat\$4) same pattern same rotat\$4) and holograph\$4
S25	106	S24 and (combin\$4 near (signals or responses))
S26	229	laser and image and reflect\$4 and @pd<"20040222" and holograph\$4 and pattern and (encrypt\$4 or encod\$4) and (project\$4 or radiat\$4 or direct\$4) and plurality and surface and (peak or spike) and ((three adj dimension\$2) or "3d" or "3-d") and pulse
S15	151	(356/457).CCLS.
S16	45	S15 and ((project\$4 or radiat\$4 or direct\$4) same laser same pattern)
S30	276	(surface near image) and holograph\$2 and (peak or spike) and ((three adj dimension\$2) or "3d" or "3-d") and pulse and pattern
S27	13	surface.ti. and image and holograph\$2 and (peak or spike) and ((three adj dimension\$2) or "3d" or "3-d") and pulse and pattern
S28	11	(surface near image) and holograph\$2.ti. and (peak or spike) and ((three adj dimension\$2) or "3d" or "3-d") and pulse and pattern
S29	7	(surface near image) and holograph\$2 and (peak or spike) and ((three adj dimension\$2) or "3d" or "3-d").ti. and pulse and pattern
S31	107	((three adj dimension\$2) or "3d" or "3-d") and holograph\$2 and laser and pattern and reflect\$4 and @pd<"20040422" and time and ((plurality or series or sequence) near pulses)

S32	393	((three adj dimension\$2) or "3d" or "3-d") and holograph\$2 and laser and (reflect\$4 near surface) and @pd<"20040422" and time and pulses
S33	1	(US-6115123-\$).did.
S34	1	S33 and store\$2 and processor
S11	207	S10 and time
S13	165	S10 and time and ((project\$4 or radiat\$4 or direct\$4) same laser same pattern) not S12
S12	2	S10 and time and ((project\$4 or radiat\$4 or direct\$4) near laser near pattern)
S14	5	("6115123").URPN.
S17	6	("4120559").URPN.
S35	1	hologram and (pulse near ("1" or "2" or "3" or one or two or three) near ((nanoseconds) or ns or nanos))
S36	1	hologram and (pulse near ("1" or "2" or "3" or one or two or three or few) near ((nanoseconds) or ns or nanos or nsec or nanosec))
S37	204	(pulse near ("1" or "2" or "3" or one or two or three or few) near ((nanoseconds) or ns or nanos or nsec or nanosec))
S38	96	S37 and laser
S40	422	((three adj dimension\$2) or "3d" or "3-d") and holograph\$2 and laser and mirror and reflector and "fiber optic"
S39	970	((three adj dimension\$2) or "3d" or "3-d") and holograph\$2 and laser and (mirror or reflector) and "fiber optic"
S41	6	((three adj dimension\$2) or "3d" or "3-d") and holograph\$2.ti. and laser and mirror and reflector and "fiber optic"
S42	48	((three adj dimension\$2) or "3d" or "3-d") and holograph\$2.ti. and laser and mirror and "fiber optic" not S41
S43	0	((three adj dimension\$2) or "3d" or "3-d") and holograph\$2.ti. and laser and (computer near "fiber optic")
S47	13	holograph\$2 and laser and (computer near "fiber optic")
S44	0	((three adj dimension\$2) or "3d" or "3-d") and holograph\$2.ti. and laser and (computer near "fiber optics")
S45	0	holograph\$2.ti.and laser and (computer near "fiber optic")
S46	31	holograph\$2and laser and (computer near "fiber optic")
S48	103	laser and hologra\$4 and (predetermined adj2 frequencies)
S59	1433	((creat\$3 or generat\$3) near pattern) and beam and laser and disc and surface
S60	572	S59 and encod\$4
S54	6	((micro adj structure\$1) or microstructure\$1) adj (device or laser)) near pulse
S53	199	((micro adj structure\$1) or microstructure\$1) adj (device or laser)) same (laser or pulse)
S51	0	((micro adj structure\$1) or microstructure\$1) adj device) near (laser or pulse)
S61	187	S60 and @pd<"20020422"
S52	15	((micro adj structure\$1) or microstructure\$1) adj device) same (laser or pulse)
S58	17419	pattern and laser and disc and (rotat\$3 or spin\$3)
S49	18	((micro adj structure\$1) adj device) and laser
S55	35	((micro adj structure\$1) or microstructure\$1) adj2 pattern) same laser
S62	61	S61 and hologra\$5
S56	23	((micro adj structure\$1) or microstructure\$1) adj2 pattern) and laser and disc
S57	11	((micro adj structure\$1) or microstructure\$1) near pattern) and laser and disc and (rotat\$3 or spin\$3)
S50	124	((micro adj structure\$1) or microstructure\$1) adj device) and (laser or pulse)
S76	9	(MORRISON adj RICK)
S75	49	("fiber optic" near laser) and pattern and hologra\$6
S74	13	("fiber optic" near computer) and laser and hologra\$6
S66	27	S65 and laser and hologra\$6
S73	12	("fiber optic" near computer) and laser and pattern and hologra\$6

S64	51	laser and pattern and "surface relief" and "phase delay"
S72	4	S69 and "fiber optic"
S69	17	(US-20030151785-\$ or US-20030133174-\$).did. or (US-5378888-\$ or US-4224509-\$ or US-4999681-\$ or US-4120559-\$ or US-4657393-\$ or US-5793491-\$ or US-4817434-\$ or US-5184232-\$ or US-5621529-\$ or US-6115123-\$ or US-6476943-\$ or US-6123261-\$ or US-4957367-\$ or US-5113286-\$).did. or (US-3549256-\$).did.
S68	1558	spatial light modulator and laser and hologra\$6 and pattern
S67	22	S65 and laser and hologra\$6 and pattern
S71	5	S70 and pattern
S70	5	S69 and slm
S65	196	LCD spatial light modulator